

SWP Water Quality Summary

July 8, 2004

Total Dissolved Solids: TDS remained below the Article 19 Monthly Average Objective at all locations. The highest concentration of 306 mg/l occurred at Check 29 on June 30, 2004. A substantial decrease occurred at Banks Pumping Plant, Barker Slough and Vallecitos with concentrations below the Article 19 Monthly Average Objective of 440 mg/l.

Bromide concentrations: Bromide concentrations remained higher than the CBDA Objective of 0.05 mg/l. Significant decreases occurred in Barker Slough where the concentration dropped to 0.04 mg/l on June 29, 2004.

Turbidity: Increased slightly at Checks 29; 41 and Devil Canyon from June 25 to July 7 2004. Whereas, turbidity at Banks Pumping Plant, Barker Slough and Vallecitos significantly decreased from June 26 to July 7 2004.

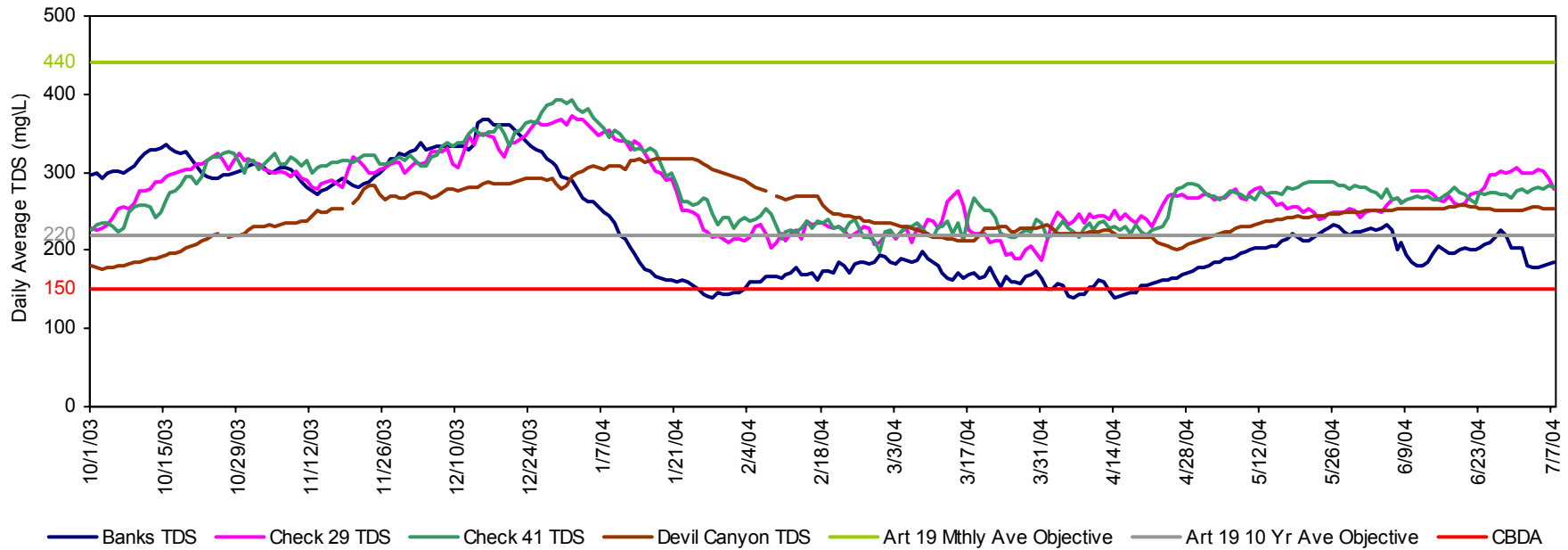
Dissolved Organic Carbon: DOC at Checks 13 and 41 in the California Aqueduct dropped significantly below the CBDA Objective. DOC at Banks Pumping Plant declined from 5 mg/l on May 31 to 3.9 mg/l on July 6. Check 41 DOC decreased from 4 mg/l on May 26 to 2.8mg/l on July 7, 2004.

Taste and Odor Compounds: MIB and geosim in the East Branch, and Castaic Lake ranged from 4 to 8 ng/l. The dramatic reduction in MIB and geosmin at these locations followed copper sulfate application to control taste and odor producing Cyanobacteria. High levels of geosim (≈ 20 ng/l) have been identified at Clifton Court intake .

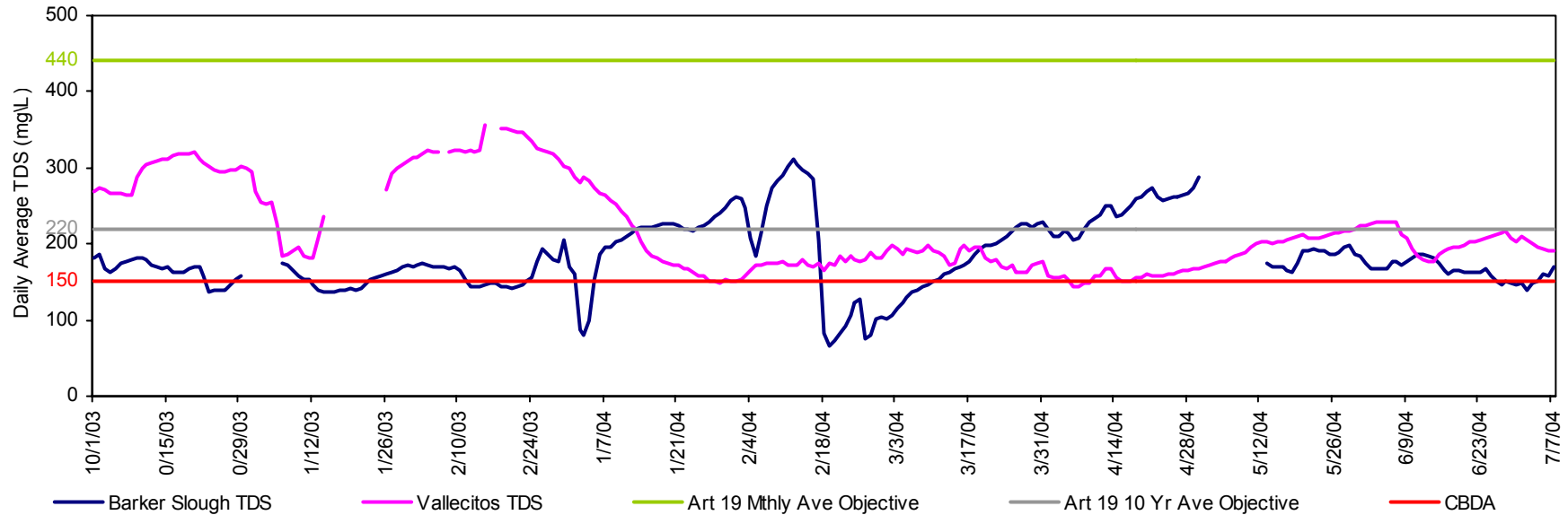
Ground Water Pump-in: Ground water pump-in from AEWS D was suspended for a few days, and is scheduled to restart on July 9, 2004. During June, about 1664 AF was pumped into the aqueduct.

For more information refer to: <http://www.wmq.water.ca.gov> and <http://www.dpla.ca.gov/supply/sampling/mwq/main.htm>

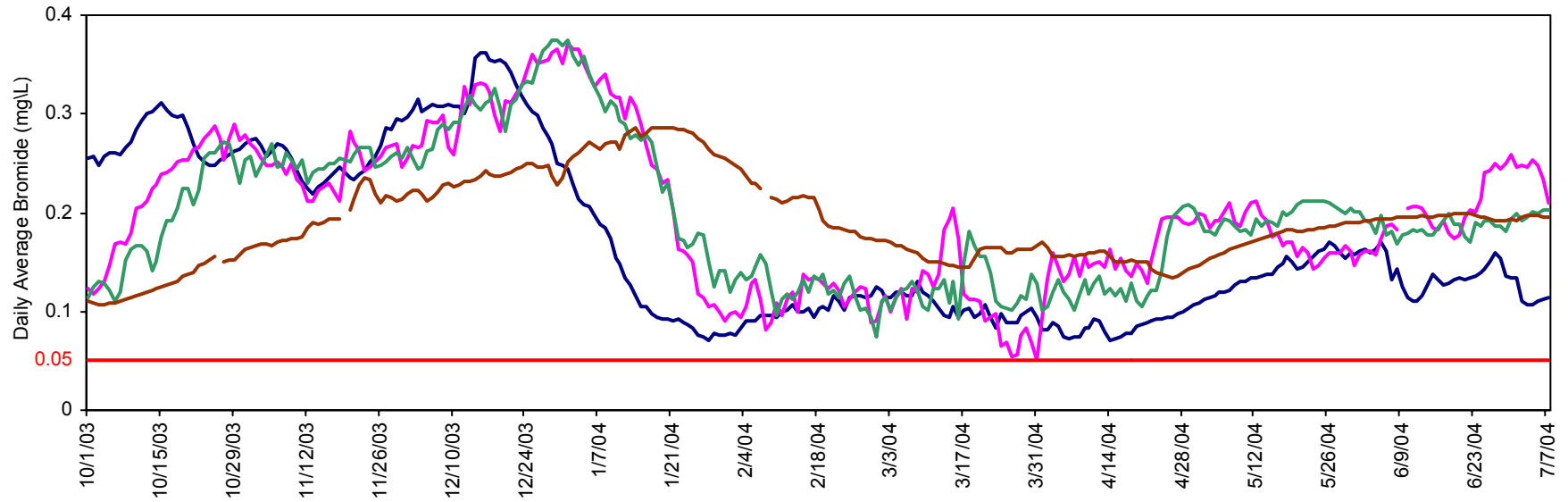
California Aqueduct - Calculated Total Dissolved Solids



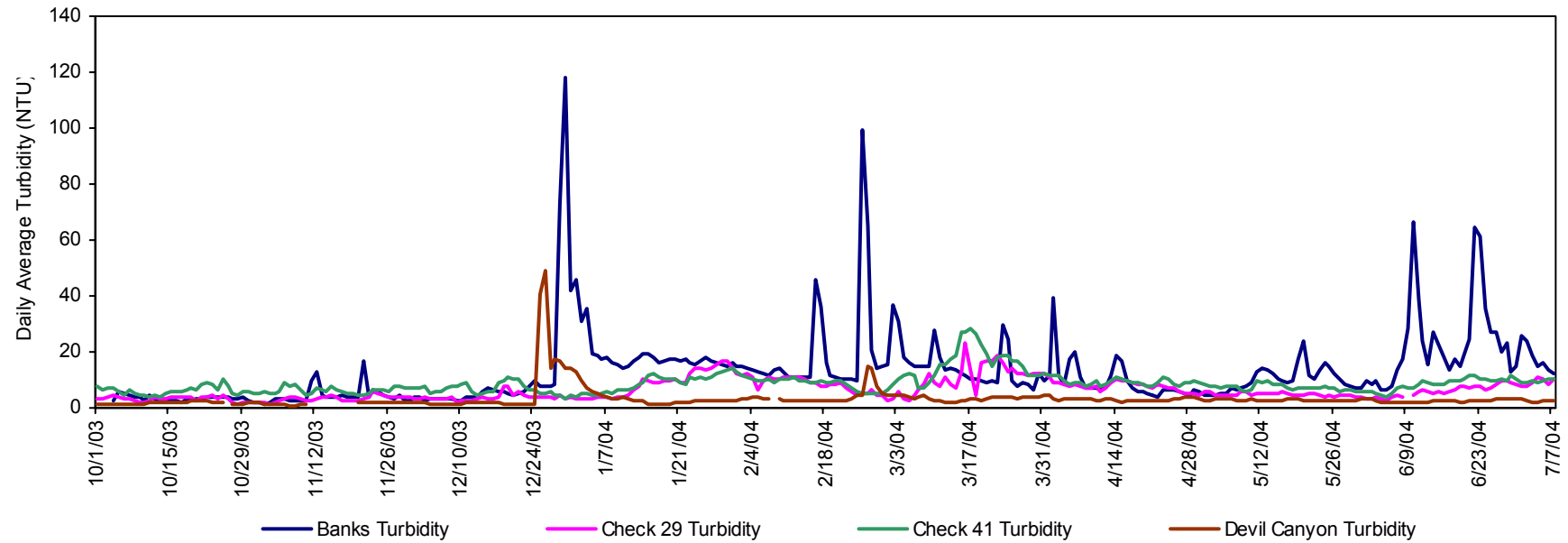
North and South Bay Aqueduct - Calculated Total Dissolved Solids



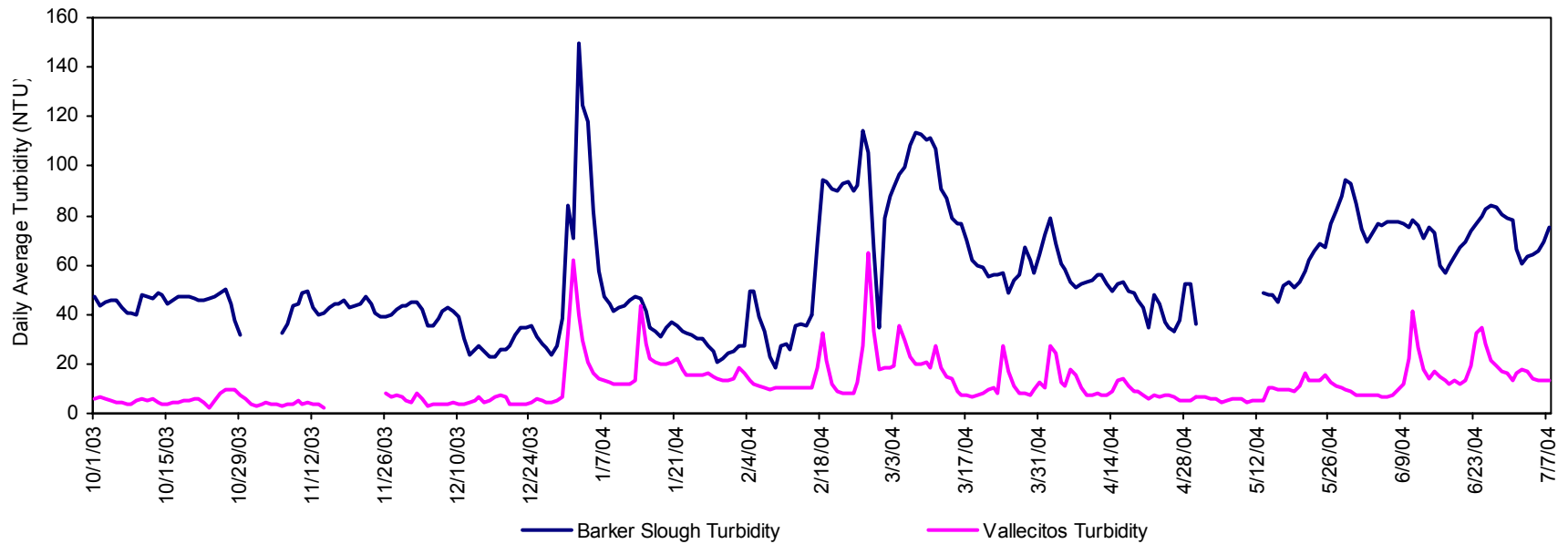
California Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct
Calculated Dissolved Organic Carbon

